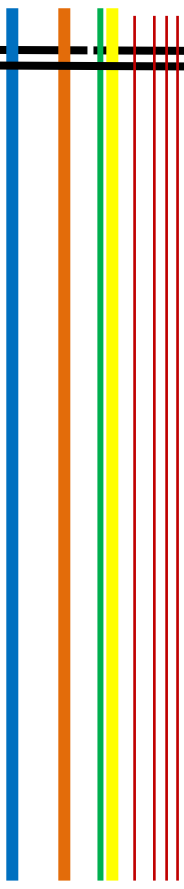


# RESOURCE WORLD

## 10th Science



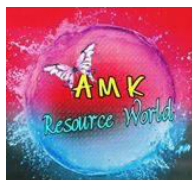
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# DIAGRAMS

Book for SSLC New SCIENCE Syllabus

(All Diagrams in One book.)





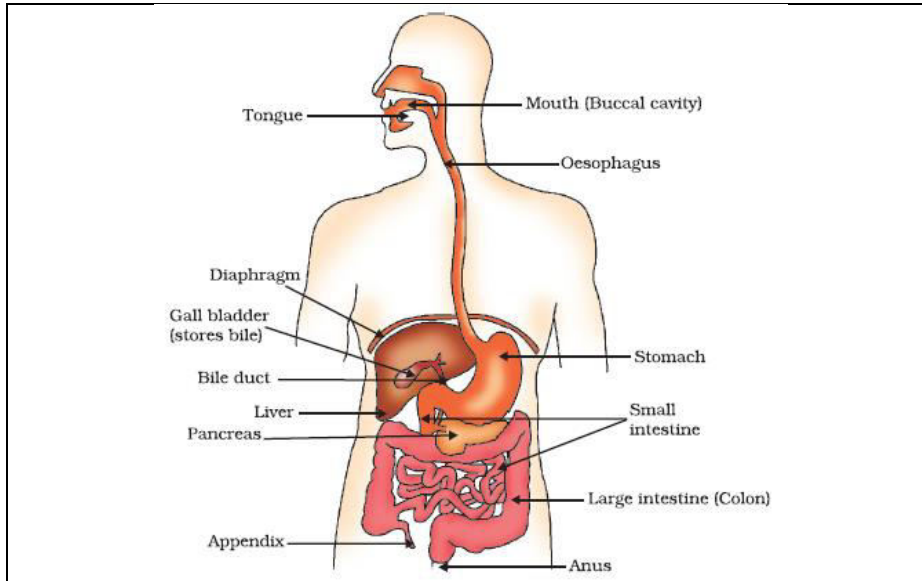
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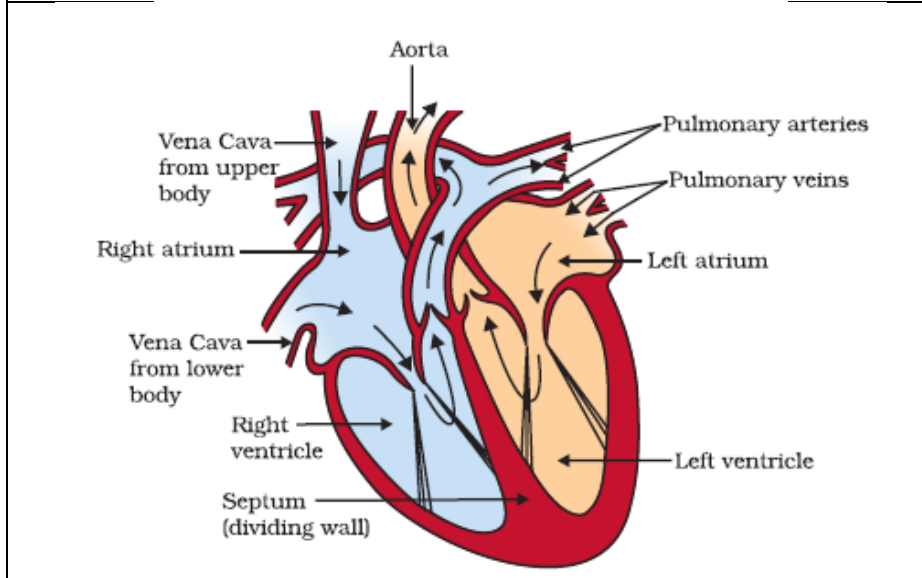
## 10<sup>th</sup> SCIENCE DIAGRAMS

|  |   |
|--|---|
| <p>Labels: Plastic mug, Oxygen, Hydrogen, Test tube, Water, Graphite rod, Rubber stopper, Anode, Cathode, Switch, 6 V Battery.</p>   | <p><b>ELECTROLYSIS OF WATER</b></p>                       |
| <p>Labels: Stand, Test tube, Dilute sulphuric acid, Zinc granules, Hydrogen gas bubbles, Delivery tube, Soap solution, Burning of hydrogen gas with a pop sound, Candle, Soap bubble filled with hydrogen.</p> | <p><b>REACTION OF ZINC GRANULES</b></p>                   |
| <p>Labels: 6 volt battery, Bulb, Switch, Beaker, Nail, Dilute HCl solution, Rubber cork.</p>   | <p><b>ACID SOLUTION IN WATER CONDUCTS ELECTRICITY</b></p> |

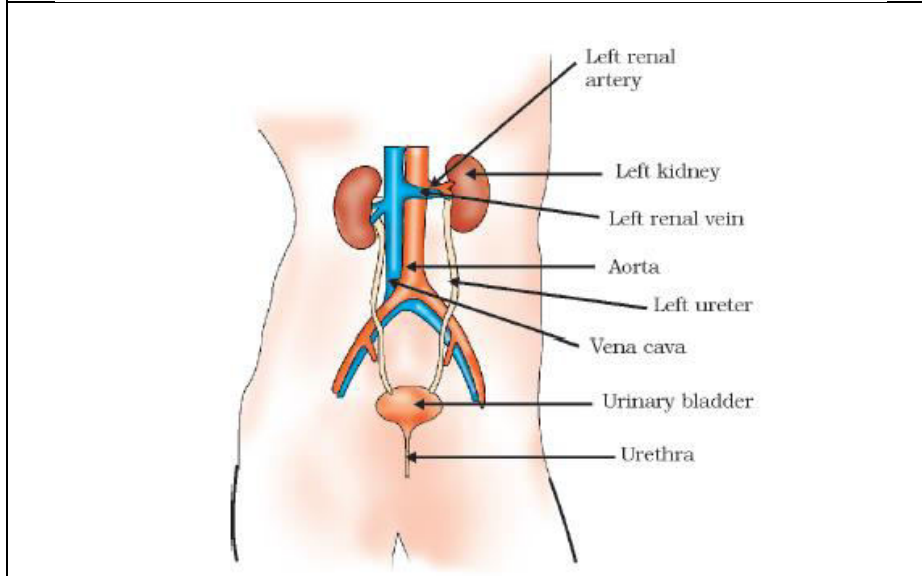
|   |   |
|---|---|
| <p>Metal sample<br/>Glass-wool soaked in water<br/>Burner<br/>Stand<br/>Cork<br/>Delivery tube<br/>Hydrogen<br/>Water</p>     | <p><b>ACTION OF STEAM ON A METAL</b></p>                |
| <p>Battery<br/>Bulb<br/>Switch<br/>Beaker<br/>Graphite rod<br/>Salt solution under test</p>                                   | <p><b>TESTING THE CONDUCTIVITY OF SALT SOLUTION</b></p> |
| <p>Key - + e<sup>-</sup><br/>Cathode<br/>Anode<br/>Acidified copper sulphate solution<br/>Tank<br/>Impurities (anode mud)</p> | <p><b>ELECTROLYTIC REFINING OF COPPER</b></p>           |
| <p>Guard cells<br/>Stomatal pore<br/>Chloroplast</p>  | <p><b>OPEN AND CLOSED STOMATAL PORE</b></p>             |



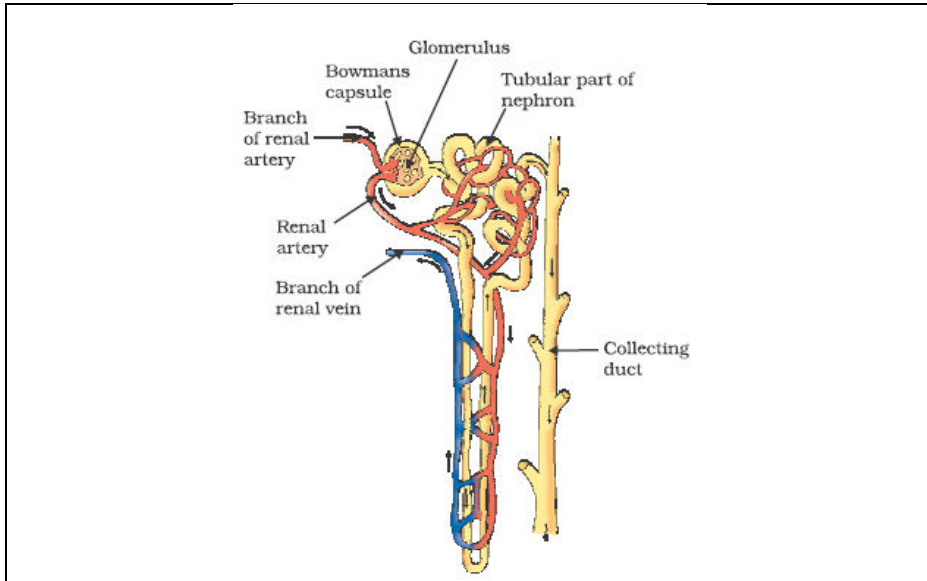
**HUMAN ALIMENTARY CANAL**



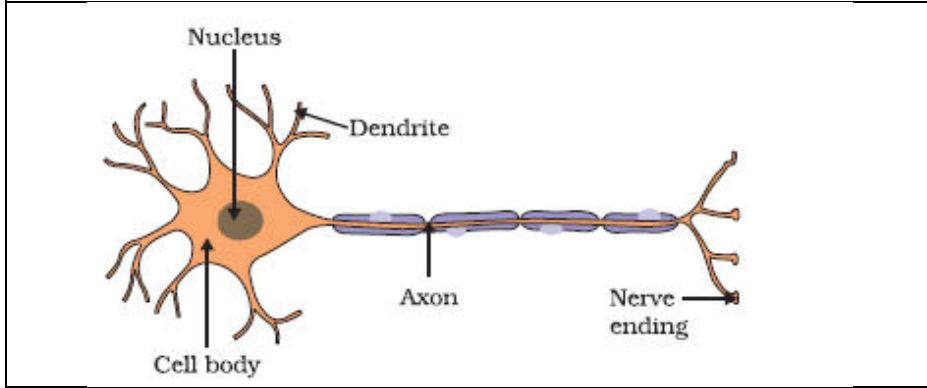
**HUMAN HEART**



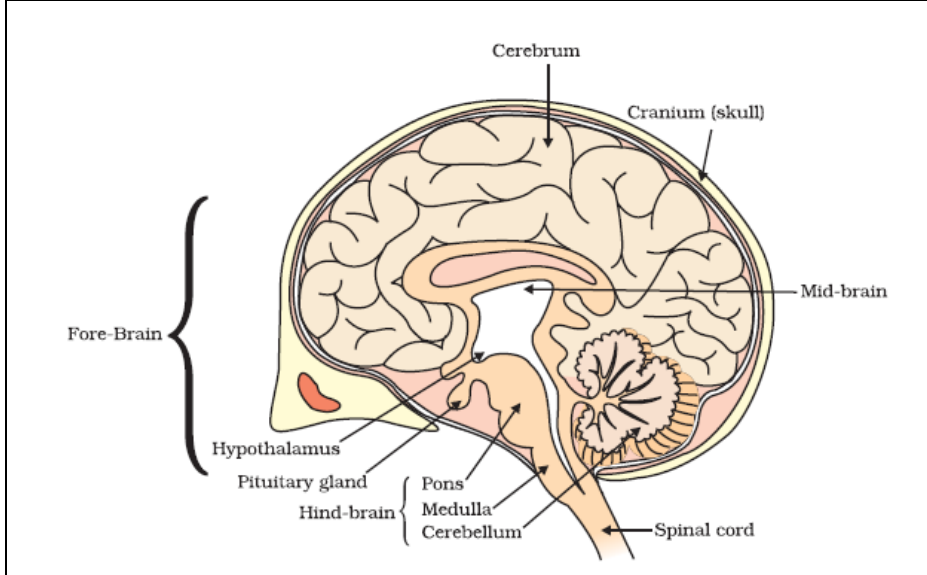
**EXCRETORY SYSTEM IN HUMAN BEINGS**



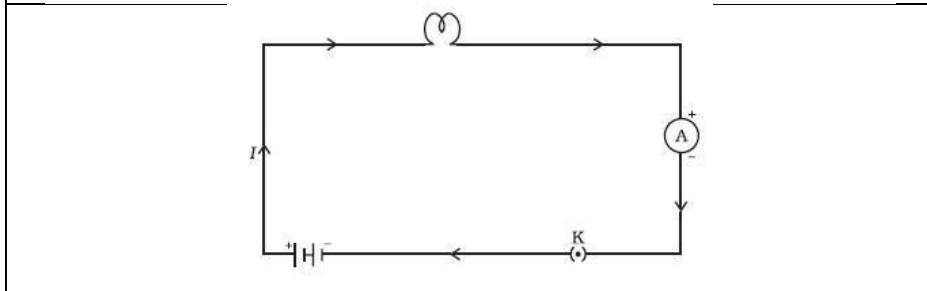
**STRUCTURE OF NEPHRON**



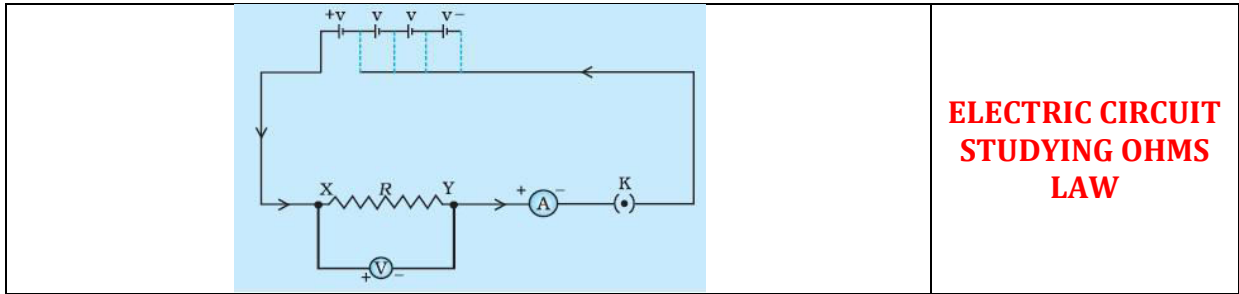
**STRUCTURE OF NEURON**



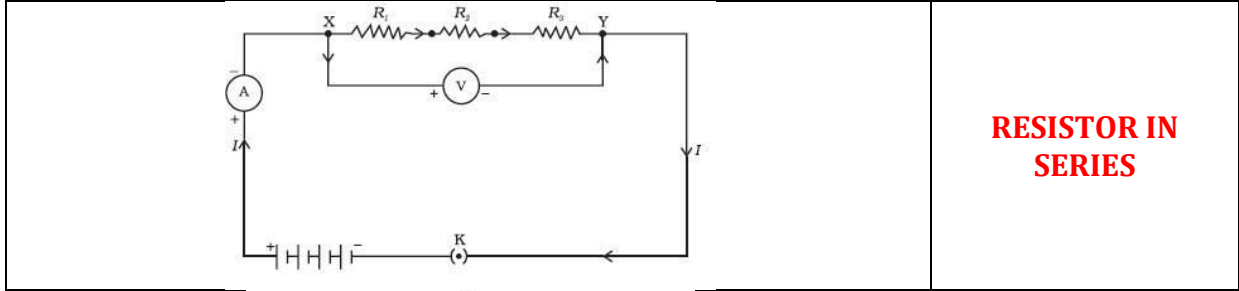
**HUMAN BRAIN**



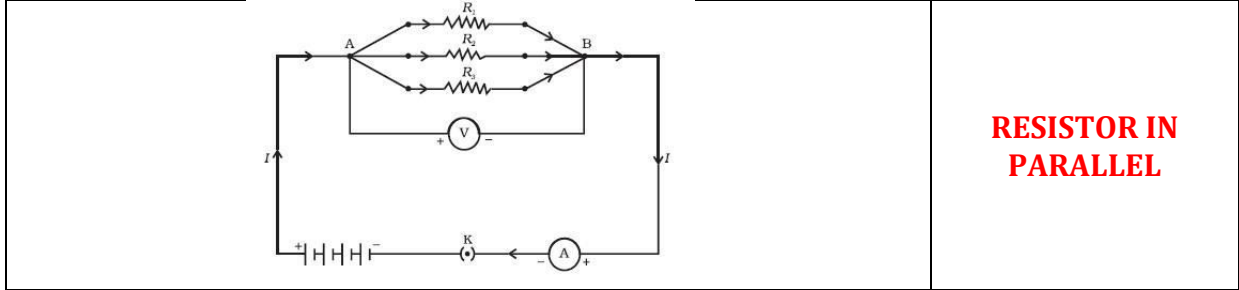
**SCHEMATIC DIAGRAM OF ELECTRIC CIRCUIT**



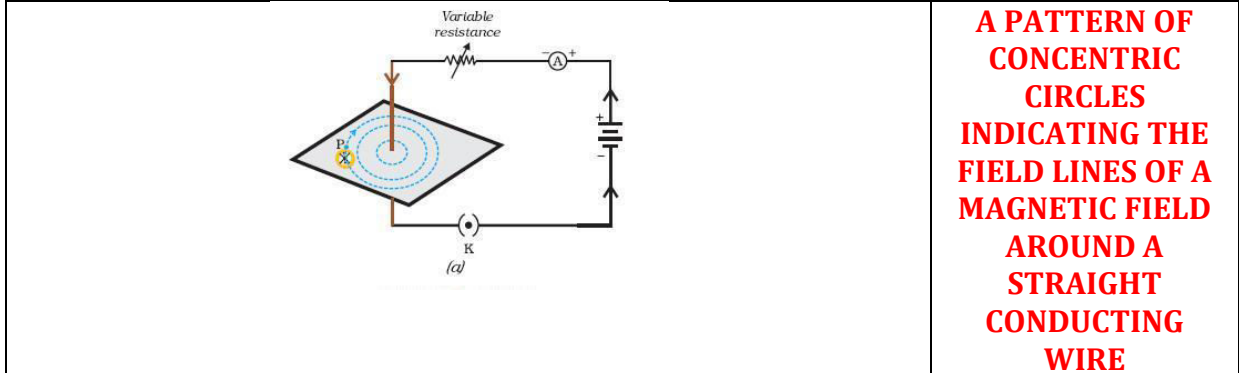
**ELECTRIC CIRCUIT  
STUDYING OHMS  
LAW**



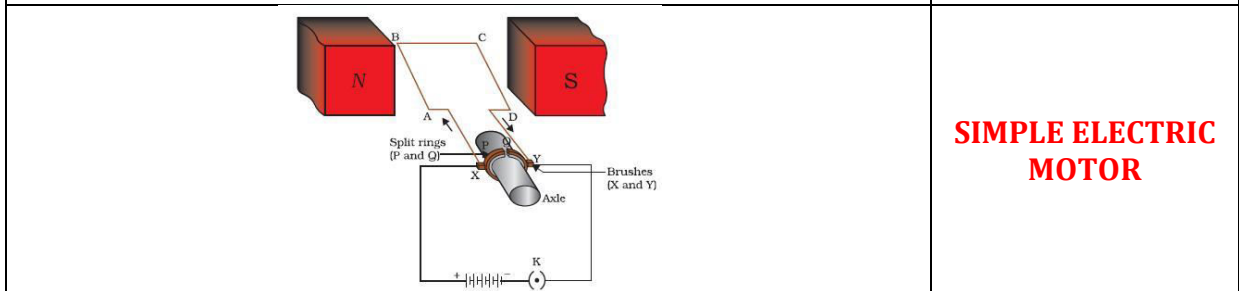
**RESISTOR IN  
SERIES**



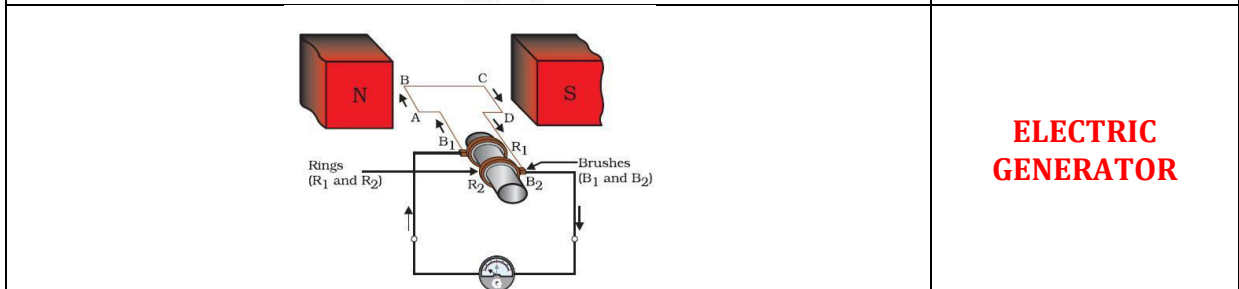
**RESISTOR IN  
PARALLEL**



**A PATTERN OF  
CONCENTRIC  
CIRCLES  
INDICATING THE  
FIELD LINES OF A  
MAGNETIC FIELD  
AROUND A  
STRAIGHT  
CONDUCTING  
WIRE**

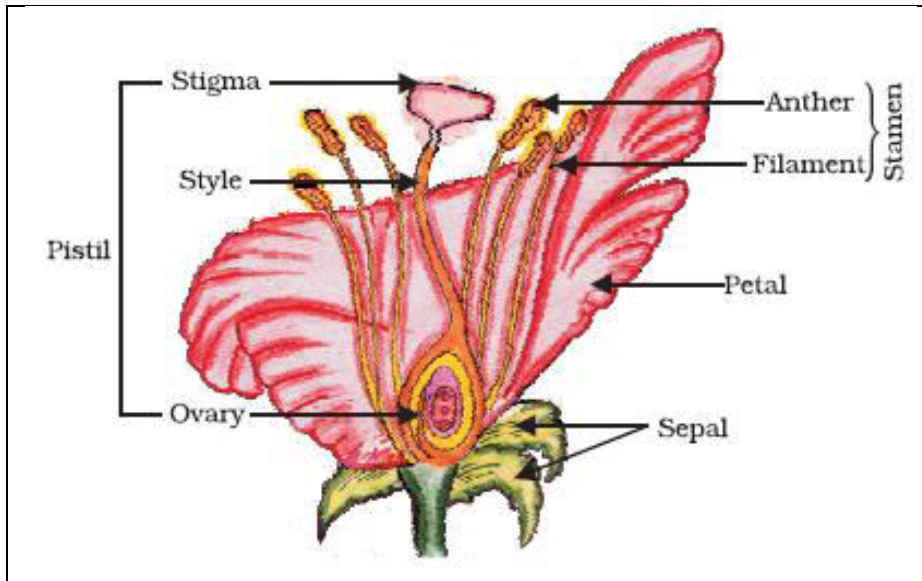


**SIMPLE ELECTRIC  
MOTOR**

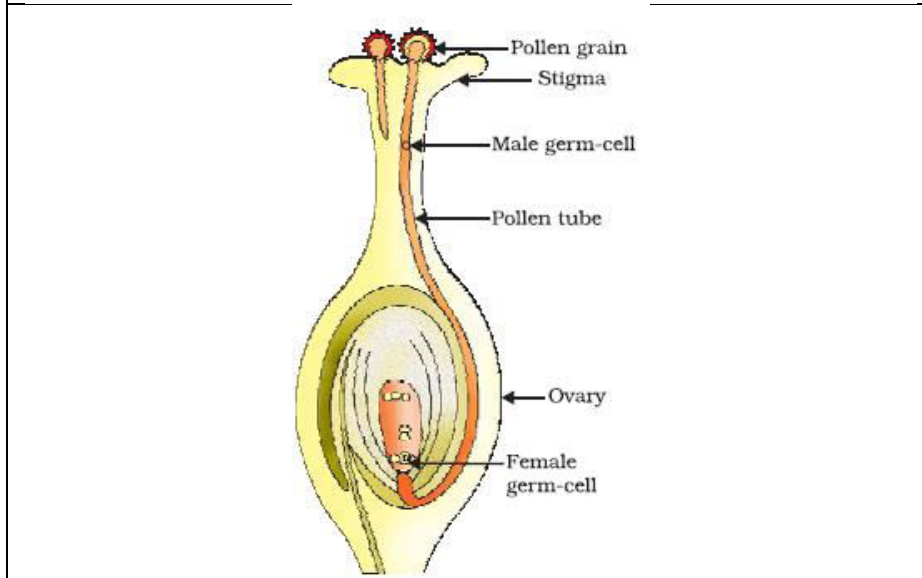


**ELECTRIC  
GENERATOR**

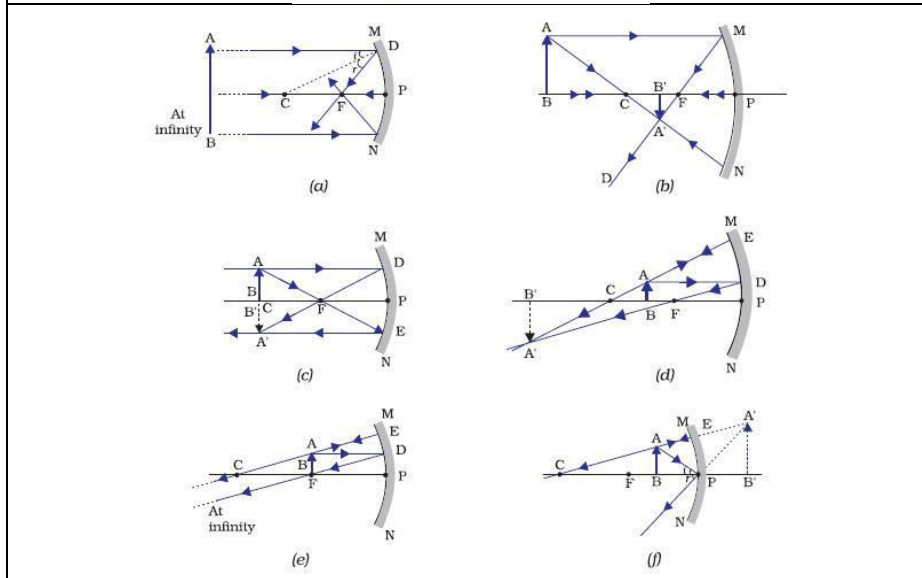




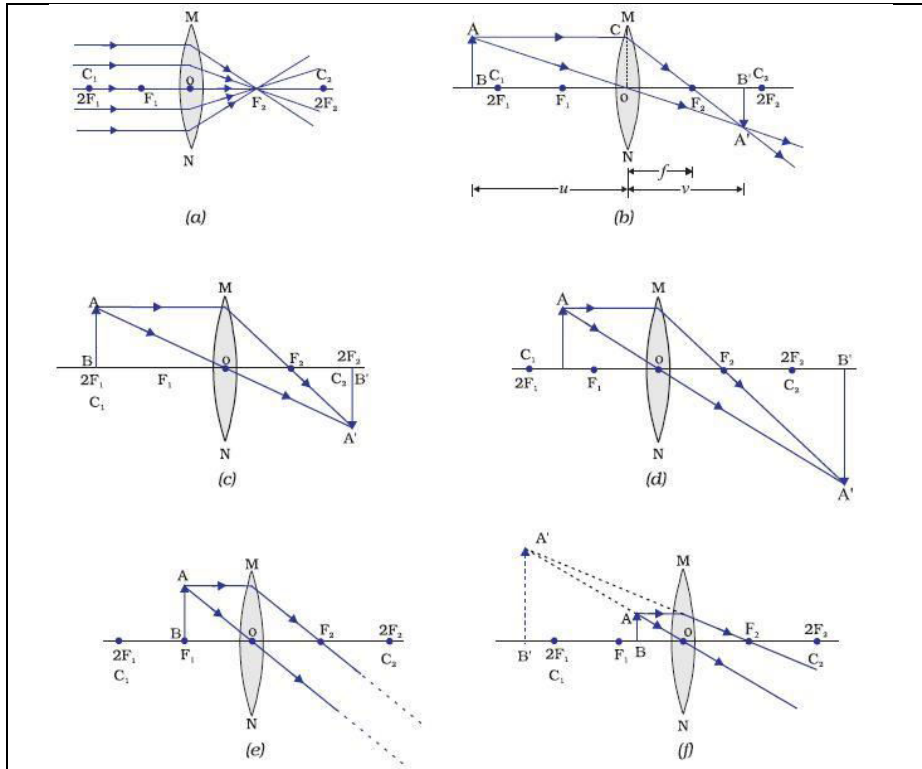
**LONGITUDINAL SECTION OF FLOWER**



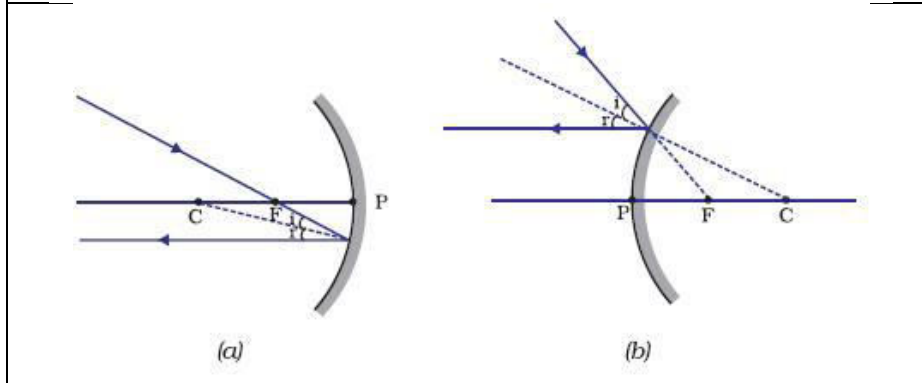
**GERMINATION OF POLLEN ON STIGMA**



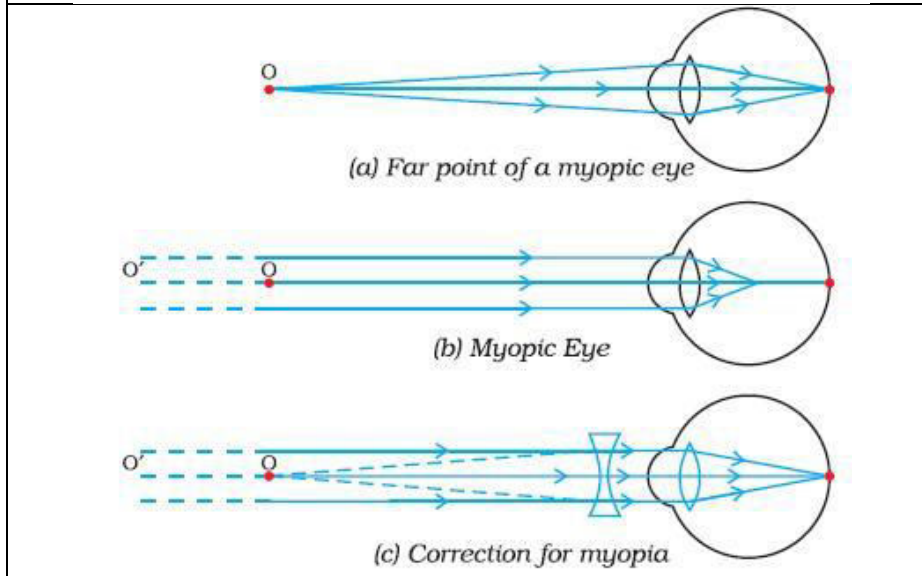
**(A) (B) (C) (D) (E) (F), RAY DIAGRAMS FOR THE IMAGE FORMATION BY A CONCAVE MIRROR**



**(A) (B) (C) (D) (E) (F) THE POSITION SIZE AND THE NATURE OF THE IMAGE FORMED BY A CONVEX LENS FOR VARIOUS POSITIONS OF THE OBJECT**



**(A) (B) NATURE, POSITION AND RELATIVE SIZE OF THE IMAGE FORMED BY A CONCAVE LENS**



**A) FAR POINT OF A MYOPIC EYE B) MYOPIC EYE C) CORRECTION FOR MYOPIA**



|   |   |
|---|---|
| <p>(a) Near point of a Hypermetropic eye</p> <p>(b) Hypermetropic eye</p> <p>(c) Correction for Hypermetropic eye</p>                 | <p><b>A) NEAR POINT OF<br/>A<br/>HYPERMETROPIC<br/>EYE B)<br/>HYPERMETROPIC<br/>EYE C)<br/>CORRECTION FOR<br/>HYPERMETROPIC<br/>EYE</b></p> |
| <p>White light</p> <p>Screen</p> <p>White light</p> <p>P<sub>1</sub></p> <p>P<sub>2</sub></p>   | <p><b>RECOMBINATION<br/>OF THE<br/>SPECTRUM OF<br/>WHITE LIGHT</b></p>  |
| <p>Slurry</p> <p>Gas outlet</p> <p>Manure</p> <p>Soil</p> <p>Soil</p> <p>Fertiliser</p> <p>Gas tank</p> <p>Outlet</p> <p>Digester</p> | <p><b>BIOGAS PLANT</b></p>  |



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